

DART SERVICE INSTRUCTION

**TO AMEND IIN-D412-694 REV. B OR LATER APPROVED REVISION
AND ICA-D412-694 REV. 1 OR LATER APPROVED REVISION**

REF. TCCA STC: SH05-10
REF. FAA STC: SR02086NY
REF. EASA STC: EASA.IM.R.S.01085

1.0 PURPOSE

Field experience has shown that the D3126-1 bracket which is part of the D412-694-01/-02 Door Assemblies may wear prematurely if the aircraft is flown a significant amount of time with the sliding door open. Dart has developed the DSI 9614-011 kit which includes the D4659-1/-2 brackets. These longer brackets replace bracket D3126-1 on the leading edge of the door.

2.0 INSTALLATION (applies to both Left and Right Door)

- 2.1 At the discretion of the installer, remove the sliding door from the aircraft per Section 52.1 of ICA-D412-694
- 2.2 Remove the forward bracket, D3126-1.
- 2.3 Install the D4659-1/-2 bracket (as applicable) in lieu of the D3126-1 bracket removed in step 2.2 as shown in Figure 1 of this DSI. Form D4659-1/-2 brackets as required to fit the door contour.
- 2.4 Torque hardware per ICA-D412-694.
- 2.5 Re-install sliding door on aircraft per Section 52.2/52.3 of ICA-D412-694 (as applicable).
- 2.6 Make entry in technical records of aircraft indicating that DSI 9614 has been completed.

3.0 WEIGHT AND BALANCE

With the DSI 9614-011 Kit installed, the weight and balance is as per IIN-D412-694 Section 4.

4.0 PARTS LIST

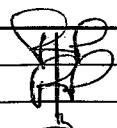
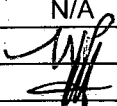
QTY -011	PART NUMBER	DESCRIPTION
X	DSI 9614-011	BRACKET KIT
1	D4659-1	BRACKET, LH
1	D4659-2	BRACKET, RH
2	MS27039-1-08	SCREW
2	NAS43DD3-10	SPACER
2	AN960JD10LL	WASHER

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 12.06.08
CERT. NO.: SH05-10
ISSUE NO.: 1

A	NEW ISSUE	RP	12.06.08
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN		DRAWING NO.	REV. A
CHECKED		DSI 9614	SHEET 1 OF 2
MFG. APPR.	N/A	TITLE	SPACEDOOR FORWARD SCALE
APPROVED		BRACKET CHANGE	NTS
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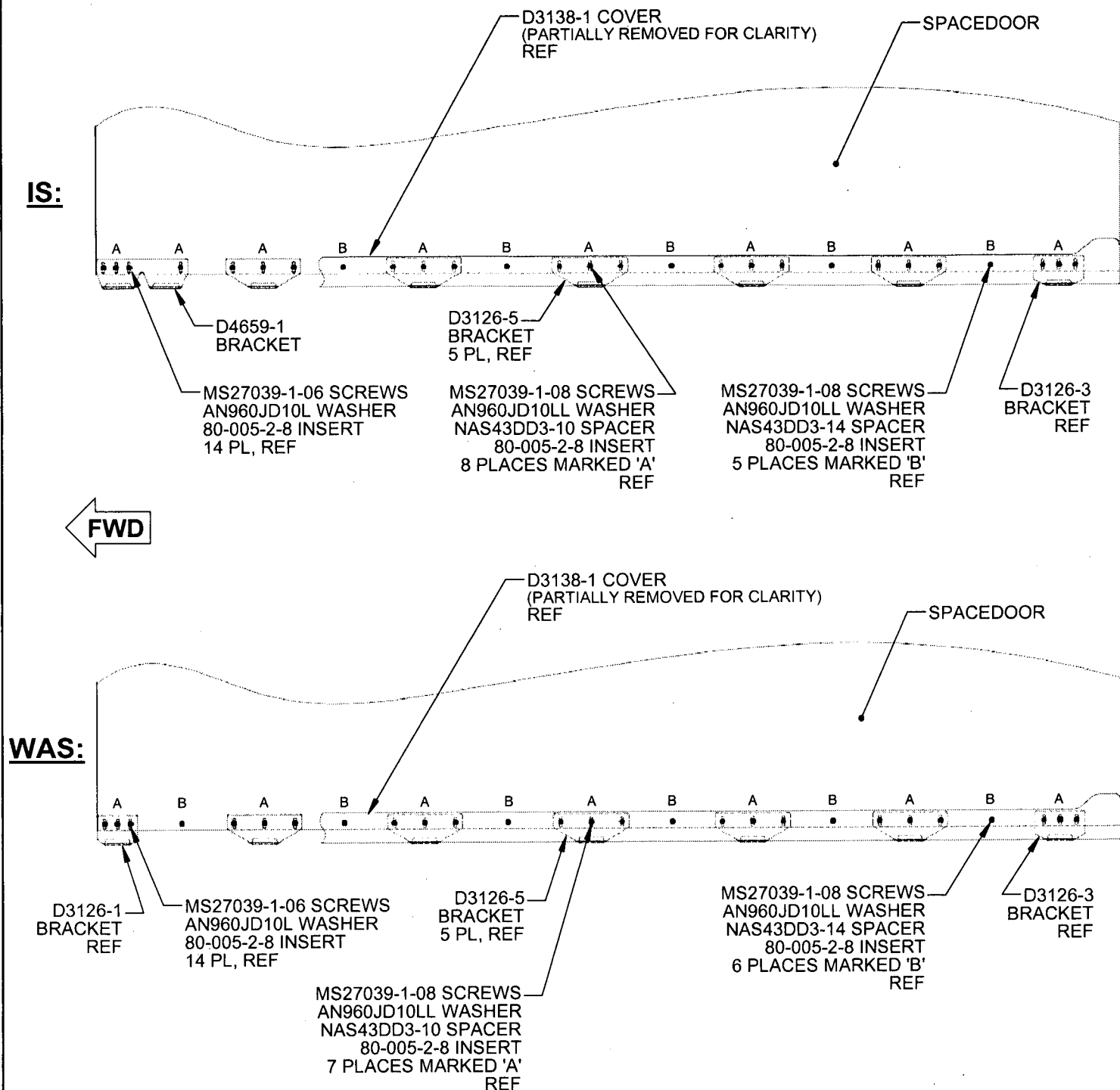


FIGURE 1: BRACKET INSTALLATION
(-01 DOOR SHOWN, -02 OPPOSITE)

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D. SHEPHERD (DE # 02)

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MFG. APPR.	N/A	DSI 9614	SHEET 2 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SPACEDOOR FORWARD SCALE
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